

Appendix 4

ESD WORK REQUIRING ADDITIONAL SAFETY DOCUMENTATION AND APPROVALS

In accordance with PUB-3000, the following safety authorizations have been approved by the EH&S Division for ESD:

Activity Hazards Documents (AHD)

1. #2046 (renewed 11/25/02). Barry Freifeld, Bldg 64- Gas Hydrates Experiment
2. #2065 (in progress as of 12 July, 2003). Terry Hazen, 70A-4463- Lasers in Microscope (laser moved from 70-131, formerly AHD #BE1019- Jiamin Wan); microscope will not be used until AHD is in place

Radiological Work Authorizations (RWA)

1. #1107 (good through 8/04), Tetsu Tokunaga, Bldg. 70, Class II; Desorption of U on soil
2. #1016 (good through 12/03). Hoi-Ying Holman, 70A-3317 and 70-166, Class I; Uptake of organic compounds labeled with C-14 and (ALS) Beamline
3. #1125 (good through 9/03), John Christensen, 70A-4429, Class I; Use of U Spectroscopic Solution

Sealed Source Authorizations (SSA)

1. #140 (good through 11/03), Susan Hubbard, 70A-4463, Class II; Sources housed in Hydroprobe instrument

Generally Licensed Authorizations (GLA)

1. #414, Todd Wood, 70A-4404A; Three licensed static eliminators used in cleanroom
2. #406 , Will Stringellow, 70A-3317; Two GCs
3. #412, Barry Freifeld, 64 High Bay; Two licensed sources in X-Ray Scanner Core Analyzer

Low Activity Source Authorizations (LAS)

1. #L012, Todd Wood, 70A-4405; Authorization for TH-nat and U-nat from Coupled Plasma-Mass SpecS140

2. #L014, Terry Hazen, 70A-4463B; Authorization for radionuclides from soil and groundwater samples
3. #L007, Mark Conrad, 70A-4413, 4419, 4425, 4429, 4431; Authorization for radionuclides from soil and water samples from Hanford

BioSafety Level “2” Registration Forms (BSL-2 Agents requiring annual renewal)

	<u>Final #</u>	<u>Name</u>	<u>Lab #</u>	<u>Approval</u> <u>Date</u>	<u>BSL-2 Agents</u>	<u>Project Name</u>
1.	B053-011402	Hoi-Ying Holman	70A-2275,1121	01/14/02, being updated	h.tumor cell lines- colon, kidn.,brain	Synchroton Infared Spectroscopy
2.	B061-121201	Hoi-Ying Holman/Ta mas Torok	70A-1121,4475 ,2275	12/12/01, being updated	<i>Bacillus anthracis</i> , m. macrophage c.l.	Exposure of Macrophage to <i>Bacillus anthracis</i>

Off-Site Safety and Environmental Protection Plans (OSSEPP)

In accordance with ESD policy and procedures, the following OSSEPPs were prepared and approved since the July 2002 Self-Assessment:

OSSEPP numbers 03-01 through 03-03 in FY2003

The ESD OSSEPPs currently on file are as follows:

Active: 24

Inactive: 32